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Caryn DeHoratius | 212 692 6240 | cdchoratius@mintz.com

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FROM:

Name Caryn DeHoratius
Date October 14, 2005
of Pages 34 (including fax cover sheet)

Client Name	Client No.	Matter No.	Atty No.
454 Corporation	21465	501	3041

TO:

Name	Company	Business#	Fax #
Examiner Young J. Kim Art Unit: 1637	United States Patent and Trademark Office	(571) 272-0940	(571) 273-8300

Comments: Supplemental Amendment

APPLICANTS: ROTHBERG ET AL. CONF. NO.: 6233
 SERIAL NO.: 09/814,338 EXAMINER: Young J. Kim
 FILING DATE: March 21, 2001 ART UNIT: 1637
 FOR: **METHOD OF SEQUENCING A NUCLEIC ACID**

NYC 338352v.1

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Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

Via Facsimile: (571) 273-8300
 Date of Transmission: October 14, 2005

Attorney Docket No.: 21465-501 CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rothberg et al.

CONF. NO.: 6233

SERIAL NO.: 09/814,338

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Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following:

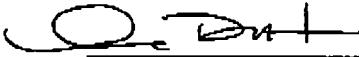
1. Supplemental Amendment and Response under 37 C.F.R. §1.111(a)(2) and in accordance with MPEP §714.03 (14 pages); and
2. Exhibits 1-5 for the Supplemental Amendment and Response (19 total pages).

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (212) 935-3000, New York City, New York.

The Commissioner is authorized to charge any fees that may be due to the undersigned's account, Deposit Account No. 50-0311, Ref. No. 21465-501 CIP2, Customer No. 35437.

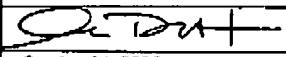
Respectfully submitted,

Dated: October 14, 2005


 Ivor Elrifi, Reg. No. 39,529
 Caryn DeHoratius, Reg. No. 45,881
 Attorneys for Applicants
 c/o MINTZ, LEVIN et al.
 666 Third Avenue, 24th Floor
 New York, NY 10017
 Phone: (212) 935-3000
 Fax: (212) 983-3115

Certificate of Transmission

I hereby certify that this Letter is being facsimile transmitted to the USPTO at (571) 273-8300, on the date indicated below.

Caryn DeHoratius	(Depositor's name)
	(Signature)
October 14, 2005	(Date)

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Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT AND RESPONSE TO THE NON-FINAL ACTION
MAILED JULY 28, 2004

In response to the Non-Final Office Action mailed July 28, 2004 in the above-identified application, Applicants submit this supplemental Amendment and Response. Applicants respectfully request entry and consideration of this Amendment and accompanying papers in the application.

Please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

Certificate of Transmission

I hereby certify that this Amendment and Exhibits are being facsimile transmitted to the USPTO at (571) 273-8300, on the date indicated below.

Caryn DeHoratius	(Depositor's name)
	(Signature)
October 14, 2005	(Date)